Abstract of Disclosure

The object of the present invention is to provide a pressure detecting apparatus that is less affected from noises and can be constructed in a large size. The pressure detecting apparatus according to the present invention utilizes electromagnetic coupling. The sensor section comprises first coils 1, second coils 2 provided on the first coils such that they are superimposed to each other, and a first cushion member 3 provided between the first coils and the second coils. A drive circuit for driving either of the first coils and the second coils and a detection circuit for detecting pressure applied against the sensor section on the basis of signals resulting from electromagnetic coupling from the other of the first coils and the second coils are connected to the sensor section. The sensor sections are disposed in a matrix state so that measurements of pressure distribution can be effected.